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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10826162
	Filing Date		2004-04-15
	First Named Inventor	Benyu Zhang	
	Art Unit	2171 2/62	
	Examiner Name		
Attorney Docket Number		MS1-1891US	

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/J.F./	1	5694592		1997-12-02	Driscoll	
/J.F./	2	6711585		2004-03-23	Copperman, ; et al.	

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/J.F./	1	20030046389	A1	2003-03-05	Thieme, Laura M.	
/J.F./	2	20040010331	A1	2004-01-15	Terada, Kotaro; et al.	

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/J.F./	1	Kim et al., "A Comparison of Collocation-Based Similarity Measures in Query Expansion", Information Processing and Management, Elsevier, Garking, GB, Vol. 35, No. 1, January 1999, Pages: 19-30	<input type="checkbox"/>
/J.F./	2	Shaw, "Term-Relevance Computations and Perfect Retrieval Performance" Information Processing and Management, Elsevier, Barking, GB, Vol. 31, No. 4, July 1995, Pages: 491-498.	<input type="checkbox"/>
/J.F./	3	EPO Communication with Search Report dated October 4, 2006, from counterpart EP patent application, European Patent Application No. 05102952.8, copy attached, 3 pages.	<input type="checkbox"/>

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/J.F./	1	5845278		1998-12-01	Kirsch, ; et al.	
/J.F./	2	6556983.		2003-04-29	Altschuler, ; et al.	
/J.F./	3	6892193		2005-05-10	Bolle, ; et al.	

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/J.F./	1	20050216443	A1	2005-09-29	Morton, Michael Scott; et al.	

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/J.F./	1	6615209		2003-09-02	Gomes, et al.	

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/J.F./	1	20050097188	A1	2005-05-05	Fish, Edmund J.	

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/J.F./	1	5418948		1995-05-23	Turtle	
/J.F./	2	5488725		1996-01-30	Turtle, ; et al.	
/J.F./	3	5987460		1999-11-16	Niwa, ; et al.	
/J.F./	4	6470307		2002-10-22	Turney	
/J.F./	5	6760714		2004-07-06	Caid, ; et al.	

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/J.F./	1	20020015366	A1	2002-02-07	Sawano, Mitsuru	

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/J.F./	2	20020178153	A1	2002-11-28	Nishioka, Shingo; et al.	
/J.F./	3	20050015366	A1	2005-01-20	Carrasco, John Joseph M.; et al.	

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/J.F./	1	Huaizhong et al., "Similarity Model and Term Association For Document Categorization, Sept., 2-6 2002, Pages: 256-260.	<input type="checkbox"/>
/J.F./	2	Yeung et al., "Improving Performance of Similarity-Based Clustering by Feature Weight Learning," April 2002, Volume 24, Issue 4, Pages: 556-561.	<input type="checkbox"/>

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